

**AMENDED CLAIM SET:**

1. – 29. (cancelled).

30. (new) A greywater recycling system, for the economical flushing of toilets, consisting of one or more tanks, a bath tub, a washing machine provided with a primary water pump, a water supply pipe, a greywater pipe, a flushing conduit, a flushing valve, and in the tank a floating ball, wherein

the floating ball is fixed by means of a pivoted support arm to a side wall of the tank, allowing it to swing in vertical plane,

there is a greywater column above the floating ball, and

there is an actuating shaft fixed onto the floating ball, wherein the actuating shaft passing through the greywater column above the floating ball is connected to a clean water fill valve of the water supply pipe.

31. (new) The greywater recycling system according to claim 30, wherein the washing machine being connected to the bath tub with a greywater suction pipe is provided with a secondary water pump, which secondary water pump is connected to the tank by means of a secondary greywater drain pipe.

32. (new) The greywater recycling system according to claim 31, wherein there is an in-line water sensor mounted before the secondary water pump enabling the secondary water pump to start automatically, and a non-return valve is mounted in the secondary greywater drain pipe.

33. (new) The greywater recycling system according to claim 30, wherein there is a stopping member fixed to the wall of the tank, for determining the uppermost position of the floating ball closing the clean water fill valve as well as the ratio of greywater and clean supply water.

34. (new) The greywater recycling system according to claim 30, wherein the primary water pump is connected to the tank by means of the primary greywater drain pipe, which primary greywater drain pipe is provided with a non-return valve.

35. (new) The greywater system according to claim 30, wherein the greywater tube is connected through the greywater valve to the primary greywater drain pipe, and optionally to the secondary greywater drain pipe.

36. (new) The greywater recycling system according to claim 30, wherein on the outlet of the greywater pipe there are one or more filtering units suitably mounted within the tank.

37. (new) The greywater recycling system according to claim 30, wherein the tank has a compensating air orifice for the compensation of atmospheric pressure.

38. (new) The greywater recycling system according to claim 30, wherein the tank is provided with an overflow tube, the diameter of which is greater than or equal to that of the greywater pipe.

39. (new) The greywater recycling system comprising one or more tanks and a washing machine in accordance with claim 30, wherein more than one tank is connected to the system.

40. (new) The greywater recycling system comprising one or more tanks and a washing machine in accordance with claim 30, wherein the washing machine is equipped with one or two water pumps having an output of more than 100W and having a pressure output of more than 0.4 bar, connected to a tank by said greywater pipe.

41. (new) The greywater recycling system comprising one or more tanks and a washing machine in accordance with claim 30, wherein the washing machine is equipped with one or two

water pumps having the output of 100 W to 400 W and having a pressure output of 0.4 to 1 bar, connected to the bath tub with a greywater suction pipe and also connected to a WC flushing tank by means of a greywater drain pipe.